

The Burden of Tobacco in Bayfield County

Population 15,173

The Burden of Tobacco is a collaborative report of the University of Wisconsin Tobacco Surveillance and Evaluation Program, the American Cancer Society, and the Wisconsin Division of Public Health's Tobacco Prevention and Control Program.

Smokers in Wisconsin and Bayfield County

	Wisconsin		Bayfield County	
	# of Smokers	Percent Smokers	# of Smokers	Percent Smokers
Total Number of Smokers	1,005,000		2,660	
Adult (18+) ^{1,2}	920,000	22%	2,470	21% [‡]
High School Youth ^{3,4}	66,000	21%	150	21%
Middle School Youth ^{3,4}	19,000	8%	40	8%
Smoking During Pregnancy ⁵	10,000	14%	31	22%

Deaths Directly Related to Smoking

Cause of Death ^{6,7}	Wisconsin		Bayfield County		
	Average Annual Deaths	Due to Smoking	Average Annual Deaths	Due to Smoking	% Due to Smoking [†]
Lung Cancer	2,760	2,208	8	7	86%
Other Smoking-Related Cancers	2,066	719	8	3	34%
Cardiovascular Disease	16,412	2,342	47	7	14%
Respiratory Disease	3,416	1,946	13	7	54%
Other Causes (not associated with smoking)	21,619	0	73	0	0%
All Causes	46,273*	7,215*	149*	24*	16%

Years of Potential Life Lost

Cause of death ⁶	Wisconsin	Bayfield County
Smoking-Related Cancers	43,000 years	140 years
Cardiovascular Disease	32,000 years	100 years
Respiratory Disease	21,000 years	90 years
All Causes	96,000 years	330 years*

[‡]Due to small sample sizes the following counties were grouped to establish prevalence estimates: Ashland, Bayfield, Iron, Price, Sawyer, and Taylor.

[†]May not appear to be exact due to using decimals in the calculations.

*Totals may not add up due to rounding.

Note: Adult prevalence estimates from BRFSS, 2000-04; Youth estimates based on state level YTS, 2004; Maternal smoking estimates from WISH, 2004.

Note: Wisconsin and County Deaths Directly Related to Smoking and Years of Potential Life Lost are based on 2000-2004 mortality data.

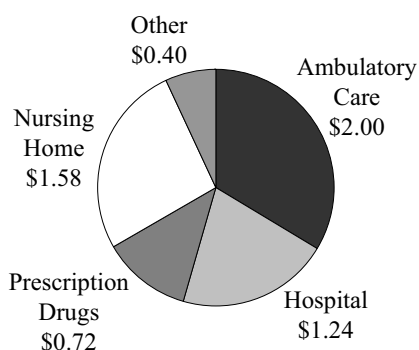
Note: See technical notes for a detailed description of the data sources and methodologies used to construct this report..

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Economic Impact of Cigarette Smoking in Wisconsin and Bayfield County

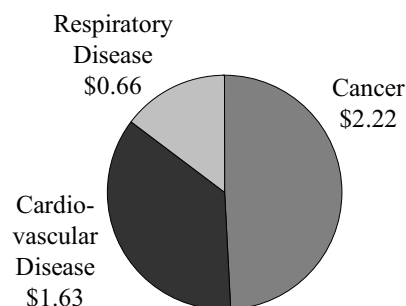
	Wisconsin	Bayfield County
Health Care Costs ^{6,11}	\$2,160,000,000	\$5,940,000
Lost Productivity ⁶	\$1,640,000,000	\$4,510,000
Total Costs	\$3,800,000,000	\$10,450,000

Smoking Attributable Health Care Costs in Bayfield County, 2003^{6,11}
(In millions of dollars)



Total: \$5.9 Million *

Cost of Productivity Lost Due to Smoking in Bayfield County, 2001⁶
(In millions of dollars)



Total: \$4.5 Million *

- In Wisconsin, an estimated 7,215 people die annually from illnesses directly related to smoking and approximately 853 die from illnesses and fires indirectly related to smoking, for a total of 8,068 annual deaths.⁶⁻¹⁰
- Secondhand smoke is estimated to cause about 61 lung cancer deaths, 771 deaths from ischemic heart disease, and 9 infant deaths from Sudden Infant Death Syndrome in Wisconsin annually. Household fires in Wisconsin caused by cigarettes kill an estimated 12 people annually.⁸⁻¹⁰
- In Bayfield County, approximately 24 die annually of illnesses directly related to smoking.^{6,7}
- Each year, approximately 16% of all deaths in Bayfield County are directly attributable to smoking. Cigarette smoking causes 86% of all lung cancer deaths and 14% of all deaths from cardiovascular disease in Bayfield County.^{6,7}
- In Wisconsin, approximately 96,000 years were lost from the potential lifespan of those who died of smoking-related illnesses in 2004. In Bayfield County, about 330 years are lost annually from the effects of smoking.⁶
- In 2003, an estimated \$2.2 billion in health care costs were paid in Wisconsin as a result of diseases caused by smoking, with \$5.9 million paid in Bayfield County.^{6,11}
- Wisconsin lost \$1.6 billion, including \$4.5 million in Bayfield County, in productivity costs because of illness and premature death directly associated with smoking in 2001.⁶
- In 2003, estimated health care costs of cigarette smoking were approximately \$390 for every man, woman and child in Bayfield County.^{6,11}
- In 2004, there were over 384 million packs of cigarettes sold in Wisconsin. Residents of Bayfield County spent approximately \$3.7 million on 960,000 packs of cigarettes in 2004.¹²